

STORM WATER POLLUTION PREVENTION PLAN (SWPPP)

ADVANCED CARDIOVASCULAR & VEIN CENTER

1340 Union University Drive

Jackson / Madison County, TN

October 05, 2015

Owner:

Advanced Cardiovascular & Vein Center

Contact: Dr. Alexander Alperovich

172 W. University Parkway; Suite A
Jackson, TN 38305

Engineer:

Civil Engineering Solutions, LLC

317 West Market Street

Dyersburg, TN 38024

Phone: (731) 285-1698

STORM WATER POLLUTION PREVENTION PLAN
Advanced Cardiovascular & Vein Center
Jackson/Madison County, Tennessee
October 05, 2015

Developer:

This storm water pollution prevention plan is for the proposed Advanced Cardiovascular & Vein Center (ACVC) to be located at 1340 Union University Drive in Jackson/Madison County, Tennessee, hereinafter referred to as the "Project". See location map in Appendix B.

The developer for the Project is as follows:

Advanced Cardiovascular & Vein Center
Contact: Dr. Alexander Alperovich
172 W. University Parkway; Suite A
Jackson, TN 38305
(731) 215-1281

The contractor for the Project will be:

Brasfield Construction Inc.
Contact: Jeff Brasfield
41 Miller Avenue
Jackson, TN 38305
(731) 668-4163

Site Description:

The subject property is currently a vacant 1.47- lot located at 1340 University Parkway in the Thomsen Farms Commercial Subdivision. The existing slopes on site are from the high point near the north side (or front) of the lot and slopes towards the south side of the lot with slopes relatively ranging from 2%-30%. The runoff drains toward the south and east and exits the site into existing drainage ditch and ultimately into an existing unnamed tributary of Moize Creek. Generally, the soils on-site are silty clays. See quadrangle map in Appendix B.

This SWPPP is for the construction of a new medical building, parking areas and utilities. The overall site earthwork operation is estimated to disturb approximately 1.47 acres of the site. The slopes on-site for the post-developed portion of the site will generally vary from 1 to 30%. There are no wetlands or ARAP streams on-site or adjacent to the site that will be altered.

Construction is scheduled to begin around October 26, 2015 and be completed in October 1, 2016. The construction activity for the Project and the anticipated sequence of construction will include the following:

1. installation of erosion control measures (i.e, silt fence and construction entrance)
2. stripping and stockpiling of topsoil,
3. cutting and filling of earth for the building and parking lot areas,
4. installation of utilities,
5. installation of pavement,
6. stabilization of finished site grading
7. installation of landscaping.

It is estimated that the runoff coefficient "C" for the area being developed prior to development is approximately 0.3 and the post development composite coefficient "C" will be 0.75. It is estimated that the peak runoff from the 1.47-acre site for a 5-year storm event from the site once it is fully developed will be approximately 5.5 cubic feet per second (cfs).

The drainage area will be less than 5-acres, therefore a sediment will not be incorporated into the project.

During construction the contractor shall be responsible for ensuring that there is permit coverage for this site and shall maintain proper erosion control measures to minimize sediment runoff generated from the construction activities. The erosion control measures at a minimum shall be in accordance with this Storm Water Pollution Prevention Plan for the Project as approved by the State of Tennessee Department of Environment and Conservation (TDEC).

Erosion and Sediment Controls:

The erosion control measures shall be designed to minimize erosion and sediment from leaving the site as a result of a 5-year, 24-hour storm event (5 inches). These measures will be in accordance with this Storm Water Pollution Prevention Plan for the Project as approved by the State of Tennessee Department of Environment and Conservation (TDEC), Division of Water Resources (DWR). No clearing can begin until all necessary erosion controls measures are in place.

In general, some and/or all of the following erosion and sediment controls will be used during the earthwork grading operations, as well as, in-place controls used after grading is complete and erosion control seeding has been established:

1. Silt fence (installation around the perimeter of the site as shown on the erosion control plan shall be before the start of earthwork operation)
2. Gravel construction entrance (installation shall be after striping of top soil)
3. Inlet/pipe protection (as required)
4. Erosion control seeding (upon completion of site work)
5. Landscaping installation
6. Final seeding/sodding.

Temporary measures, such as silt fence can be removed during the day, but must be replaced at the end of the day. Silt fence must be properly entrenched as shown on the Erosion Control. Initial placement of silt fence and other erosion control measures is the responsibility of the contractor. At a minimum, silt fence will be placed as indicated on the Erosion Control Plans. Routine inspection and maintenance of erosion control measures is the responsibility of the contractor or as assigned during periodic contractor's meetings.

Any topsoil that is removed and stockpiled from the area of the Project, must be stockpiled nearby and surrounded with silt fence. The silt fence shall be maintained until removal of topsoil or respread on site for vegetative cover. It is not anticipated that any waste material will be hauled off-site for disposal. Once construction has been completed, any exposed soils will be either seeded & mulched, and/or sodded with Bermuda and/or Rye grasses to minimize erosion.

As expected there will be waste materials stored on site. Some examples of the waste material may include wood, metals, masonry, packaging materials, etc. During construction, these waste materials shall be disposed of on-site in a construction dumpster as required to ensure that the site is free from excess debris. The contractor shall keep the site free of litter and debris as much as possible. In addition, the contractor shall remove debris and litter before any anticipated storm event. It is not anticipated for any fuels to be stored on-site. All chemicals shall be stored in areas and sheltered from rainfall.

Also the following conditions will apply to the entire site.

1. Construction Management Techniques
 - (a) Clearing and grubbing must be held to the minimum necessary for grading and equipment operation.
 - (b) Construction must be sequenced if possible to minimize the exposure time of cleared surface area.
 - (c) Construction shall be staged or phased to the extent possible. Areas of one phase must be stabilized before another phase can be initiated. Stabilization shall be accomplished by temporarily or permanently protecting the disturbed soil surface from rainfall impacts and runoff.
 - (d) Erosion and sediment control measures must be in place and functional before earth moving operations begin, and must be constructed and maintained throughout the construction period. Temporary measures may be removed at the beginning of the work day, but must be replaced at the end of the work day.
 - (e) The Owner's site manager shall be designated to be responsible for erosion and sediment controls on site.
2. Vegetative Controls
 - (a) Pre-construction vegetative ground cover shall not be destroyed, removed or disturbed more than 15 calendar days prior to grading or earth moving.
 - (b) To the extent feasible, appropriate cover shall be applied within seven days on areas that will remain unfinished for more than 15 calendar days. Examples of cover are grass, sod, straw, mulch, fabric mats, etc.
 - (c) Permanent soil stabilization with perennial vegetation shall be applied as soon as practicable after final grading.

- (d) Steep slopes shall be temporarily stabilized not later than 7 days after construction activity on the slope has temporarily or permanently ceased.

3. Structural Controls

- (a) All surface water flowing toward the construction area shall be diverted by using berms, channels, or sediment traps, as necessary.
- (b) Erosion and sediment control measures shall be designed according to the size and slope of disturbed or drainage areas, to detain runoff and trap sediment.
- (c) Discharges from sediment basins and traps must be through a pipe or lined channel or over rip rap so that the discharge does not cause erosion.
- (d) Muddy water to be pumped from excavation and work areas must be held in settling areas such as check dams or small settling basins or treated by filtration prior to its discharge into surface waters.
- (e) The water used for equipment wash down eliminate mud, must be diverted to an area for settling and filtration.

4. Discharge Quality

- (a) There shall be no distinctly visible floating scum, oil or other matter contained in the storm water discharge.
- (b) The storm water discharge must not cause an objectionable color contrast in the receiving stream.
- (c) The storm water discharge must result in no materials in concentrations sufficient to be hazardous or otherwise detrimental to humans, livestock, wildlife, plant life, or fish and aquatic life in the receiving stream.

Inspection, Maintenance and Reporting:

The SWPPP will be kept on site by the Contractor in the Job Site Trailer. The Notice of Coverage will be posted on site on the Project Sign. The site manager will be responsible for installation and maintenance of rain gauge on site.

Inspections will be made at least twice per week (at least 72 hours apart). Litter, construction debris and chemicals exposed to storm water shall be picked up prior to anticipated storm events. All inspections will be documented in a log maintained on site. Quarterly inspection reports shall be submitted to the TDEC, as requested. The site will be inspected by a certified inspector that has completed the "Fundamentals of Erosion Prevention and Sediment Control Level I" course. A copy of the certification or training record for inspector certification should be kept on site. All inspections shall be documented on the TDEC Construction Stormwater Inspection Certification Form. A copy of this form is included in Appendix A of this SWPPP.

Maintenance needs identified by inspections or other means will be accomplished before the next storm event if possible, but in no case more than seven (7) days after the need is identified. If maintenance prior to the next anticipated storm event is impracticable, maintenance must be scheduled and accomplished as soon as practicable.

If periodic inspections or other information indicates a control has been used inappropriately or incorrectly, the control will be replaced or modified based on the site-specific conditions.

If sediment escapes the construction site, off-site accumulations of sediment that have not reached a stream will be removed at a frequency sufficient to minimize offsite impacts (e.g., fugitive sediment that has escaped the construction site and has collected in the street must be removed so that it is not subsequently washed into storm sewers and streams by the next rain and/or so that it does not pose a safety hazard to users of public streets). However, remediation/restoration of a stream will not be initiated without consulting the Division first.

Sediment will be removed from sediment traps, silt fences, sedimentation ponds, and other sediment controls as necessary, but at least when the design capacity of the control has been reduced by 50%.

The Owner's site manager shall maintain records of checks and repairs on site. Records and information resulting from the monitoring activities required by this rule shall be retained for a minimum of three (3) years, or longer if requested by the Division of Water Pollution Control.

Post-Construction :

The contractor will begin final stabilization efforts soon after installation by installing landscaping, seeding and mulching and/or sodding.

Upon completion of construction, the contractor shall ensure that the site is stabilized as required by TDEC and the Owner. All temporary erosion and sediment control measures are to be removed (e.g., rock construction entrance, inlet protection, check dams, etc.). Permanent erosion and sediment controls (e.g., rip-rap apron, landscaping, etc.) shall be good working order to the satisfaction of TDEC and the Owner.

Forms & Drawings:

Attached are the Notice of Intent (NOI) Form, Inspection Form, and Notice of Termination (NOT) Form, Quadrangle Map, Grading & Drainage Plans, Erosion Control Plans and Landscape Plans.

Permit Coverage:

This is prepared as a condition of NPDES General Permit TNR1000000. Once approved, coverage under the permit will be granted under Notice of Coverage with a specified permit tracking number. The Storm Water Pollution Prevention Plan is to be kept in the contractor's trailer at the site or possibly other off-site location nearby as designated by the site manager. A notice of its location along with the Notice of Coverage under the General Permit for the Discharge of Stormwater from a Construction Activity will be posted on the Notice Board to be erected near the entrance to the site.

Storm Water Pollution Prevention Plan
Advanced Cardiovascular & Vein Center
Jackson/Madison County, Tennessee

Owner Certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Advanced Cardiovascular & Vein Center
Owner: Dr. Alexander Alperovich
172 W. University Parkway; Suite A
Jackson, TN 38305
Phone: 731-215-1281

Signature



Date:

10/8/15

Contractor Certification:

I certify under penalty of law that I have reviewed this document, any attachments, and the SWPPP referenced above. Based on my inquiry of the construction site owner/developer identified above and/or my inquiry of the person directly responsible for assembling this NOI and SWPPP, I believe the information submitted is accurate. I am aware that this NOI, if approved, makes the above-described construction activity subject to NPDES permit number TNR100000, and that certain of my activities on-site are thereby regulated. I am aware that there are significant penalties, including the possibility of fine and imprisonment for knowing violations, for failure to comply with these permit requirements.

Brasfield Construction, Inc.
Owner: Jeff Brasfield
41 Miller Avenue
Jackson, TN 38305
Phone: 731-668-4163



Signature

Contractor Certification:

I certify under penalty of law that I have reviewed this document, any attachments, and the SWPPP referenced above. Based on my inquiry of the construction site owner/developer identified above and/or my inquiry of the person directly responsible for assembling this NOI and SWPPP, I believe the information submitted is accurate. I am aware that this NOI, if approved, makes the above-described construction activity subject to NPDES permit number TNR100000, and that certain of my activities on-site are thereby regulated. I am aware that there are significant penalties, including the possibility of fine and imprisonment for knowing violations, for failure to comply with these permit requirements.

Company

Contact Name & Title

Address

City & Zip Code

Telephone

Signature

Date: _____



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
Division of Water Resources
William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 11th Floor, Nashville, TN 37243
1-888-891-8332 (TDEC)

Notice of Intent (NOI) for General NPDES Permit for Stormwater Discharges from Construction Activities (TNR100000)

Site or Project Name: Advanced Cardiovascular & Vein Center		Existing NPDES Tracking Number: TNR	
Street Address or Location: 1340 Union University Drive		Start date: October 26, 2015	
		Estimated end date: October 2016	
Site Activity Description: earthwork operation for commercial building, utilities and parking area		Latitude (dd.ddd): 35.6846	
		Longitude (dd.ddd): 88.8625	
County(ies): Madison	MS4 Jurisdiction: Jackson	Acres Disturbed: 1.47	
		Total Acres: 1.47	
Does a topographic map show dotted or solid blue lines <input type="checkbox"/> and/or wetlands <input type="checkbox"/> on or adjacent to the construction site? If wetlands are located on-site and may be impacted, attach wetlands delineation report. If an Aquatic Resource Alteration Permit has been obtained for this site, what is the permit number? ARAP permit No.:			
Receiving waters: un-named tributaries of Moize Creek			
Attach the SWPPP with the NOI <input checked="" type="checkbox"/> SWPPP Attached		Attach a site location map <input checked="" type="checkbox"/> Map Attached	
Site Owner/Developer Entity (Primary Permittee): (person, company, or legal entity that has operational or design control over construction plans and specifications): Advanced Cardiovascular & Vein Center; Dr. Alexander Alperovich			
Site Owner/Developer Signatory (V.P. level/higher - signs certification below): (individual responsible for site):		Signatory's Title or Position (V.P. level/higher - signs certification below):	
Mailing Address: 172 W. University Parkway; Suite A		City: Jackson	State: TN Zip: 38305
Phone: (731) 215-1281	Fax: (731)	E-mail: aalprmd@aol.com	
Optional Contact:		Title or Position:	
Mailing Address:		City:	State: Zip:
Phone: (731) 215-1281	Fax: (731) 215-1248	E-mail:	
Owner or Developer Certification (must be signed by president, vice-president or equivalent, or ranking elected official) (Primary Permittee)			
I certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision. The submitted information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.			
Owner or Developer Name; (print or type) Dr. Alexander Alperovich		Signature:	Date: 10/9/15
Contractor(s) Certification (must be signed by president, vice-president or equivalent, or ranking elected official) (Secondary Permittee)			
I certify under penalty of law that I have reviewed this document, any attachments, and the SWPPP referenced above. Based on my inquiry of the construction site owner/developer identified above and/or my inquiry of the person directly responsible for assembling this NOI and SWPPP, I believe the information submitted is accurate. I am aware that this NOI, if approved, makes the above-described construction activity subject to NPDES permit number TNR100000, and that certain of my activities on-site are thereby regulated.			
Contractor company name (print or type): Brasfield Construction Inc.			
Contractor signatory (print/type): (V.P. level or higher) Jeff Brasfield		Signature:	Date: 10/6/15
Mailing Address: 41 Miller Avenue		City: Jackson	State: TN Zip: 38305
Phone: (731) 668-4163	Fax: (731)	E-mail: jeff@brasfieldconstruction.com	
Other Contractor company name (print or type):			
Other Contractor signatory (print/type): (V.P. level or higher)		Signature:	Date:
Mailing Address:		City:	State: Zip:
Phone: (731)	Fax: (731)	E-mail:	

OFFICIAL STATE USE ONLY			
Received Date:	Reviewer: T & E Aquatic Flora and Fauna:	Field Office:	Permit Number: TNR 121777
Fee(s): \$250.00		Impaired Receiving Stream:	Exceptional TN Water:
			Notice of Coverage Date:

Notice of Intent (NOI) for General NPDES Permit for Stormwater Discharges from Construction Activities (TNR100000)

Purpose of this form A completed notice of intent (NOI) must be submitted to obtain coverage under the Tennessee General NPDES Permit for Discharges of Stormwater Associated with Construction Activity (permit). **Requesting coverage under this permit means that an applicant has obtained and examined a copy of this permit, and thereby acknowledges applicant's claim of ability to be in compliance with permit terms and conditions.** This permit is required for stormwater discharge(s) from construction activities including clearing, grading, filling and excavating (including borrow pits) of one or more acres of land. This form should be submitted at least 30 days prior to the commencement of land disturbing activities, or no later than 48 hours prior to when a new operator assumes operational control over site specifications or commences work at the site.

Permit fee (see table below) must accompany the NOI and is based on total acreage to be disturbed by an entire project, including any associated construction support activities (e.g. equipment staging yards, material storage areas, excavated material disposal areas, borrow or waste sites).

Acres Disturbed	= or > 150 acres	= or > 50 < 150 acres	= or > 20 < 50 acres	= or > 5 < 20 acres	= or > 1 < 5 acres	Subsequent coverage*
Fee	\$10,000	\$6,000	\$3,000	\$1,000	\$250	\$100

* Subsequent Primary Operators seeking coverage under an actively covered larger common plan of development or sale

Who must submit the NOI form? Per Section 2 of the permit, all site operators must submit an NOI form. "Operator" for the purpose of this permit and in the context of stormwater associated with construction activity means any person associated with a construction project who meets either or both of the following two criteria: (1) The person has operational or design control over construction plans and specifications, including the ability to make modifications to those plans and specifications. This person is typically the owner or developer of the project or a portion of the project (e.g. subsequent builder), or the person that is the current land owner of the construction site. This person is considered the primary permittee; or (2) The person has day-to-day operational control of those activities at a project which are necessary to ensure compliance with a SWPPP for the site or other permit conditions. This person is typically a contractor or a commercial builder who is hired by the primary permittee, and is considered a secondary permittee.

Owners, developers and all contractors that meet the definition of the operator in subsection 2.2 of the permit shall apply for permit coverage on the same NOI, insofar as possible. After permit coverage has been granted to the primary permittee, any subsequent NOI submittals must include the site's previously assigned permit tracking number and the project name. The comprehensive site-specific SWPPP shall be prepared in accordance with the requirements of part 3 of the permit and must be submitted with the NOI unless the NOI being submitted is to only add a contractor (secondary permittee) to an existing coverage.

Notice of Coverage The division will review the NOI for completeness and accuracy and prepare a notice of coverage (NOC). Stormwater discharge from the construction site is authorized as of the effective date of the NOC.

Complete the form Type or print clearly, using ink and not markers or pencil. Answer each item or enter "NA," for not applicable, if a particular item does not fit the circumstances or characteristics of your construction site or activity. If you need additional space, attach a separate piece of paper to the NOI form. **The NOI will be considered incomplete without a permit fee, a map, and the SWPPP.**

Describe and locate the project Use the legal or official name of the construction site. If a construction site lacks street name or route number, give the most accurate geographic information available to describe the location (reference to adjacent highways, roads and structures; e.g. intersection of state highways 70 and 100). Latitude and longitude (expressed in decimal degrees) of the center of the site can be located on USGS quadrangle maps. The quadrangle maps can be obtained at the USGS World Wide Web site: <http://www.usgs.gov/>; latitude and longitude information can be found at numerous other web sites. Attach a copy of a portion of a 7.5 minute quad map, showing location of site, with boundaries at least one mile outside the site boundaries. Provide estimated starting date of clearing activities and completion date of the project, and an estimate of the number of acres of the site on which soil will be disturbed, including borrow areas, fill areas, stockpiles and the total acres. For linear projects, give location at each end of the construction area.

MS4 Jurisdiction: If this construction site is located within a Municipal Separate Storm Sewer System (MS4), please list name of MS4. A current list of MS4s in Tennessee may be found at http://www.state.tn.us/environment/water/water-quality_storm-water.shtml

Give name of the receiving waters Trace the route of stormwater runoff from the construction site and determine the name of the river(s), stream(s), creek(s), wetland(s), lake(s) or any other water course(s) into which the stormwater runoff drains. Note that the receiving water course may or may not be located on the construction site. If the first water body receiving construction site runoff is unnamed ("unnamed tributary"), determine the name of the water body that the unnamed tributary enters.

ARAP permit may be required If your work will disturb or cause alterations of a stream or wetland, you must obtain an appropriate Aquatic Resource Alteration Permit (ARAP). If you have a question about the ARAP program or permits, contact your local Environmental Field Office (EFO).

Submitting the form and obtaining more information Note that this form must be signed by the company President, Vice-President, or a ranking elected official in the case of a municipality, for details see subpart 2.5. For more information, contact your local EFO at the toll-free number 1-888-891-8332 (TDEC). Submit the completed NOI form (keep a copy for your records) to the appropriate EFO for the county(ies) where the construction activity is located, addressed to **Attention: Stormwater NOI Processing.**

EFO	Street Address	Zip Code	EFO	Street Address	Zip Code
Memphis	8383 Wolf Lake Drive, Bartlett	38133-4119	Cookeville	1221 South Willow Ave.	38506
Jackson	1625 Hollywood Drive	38305-4316	Chattanooga	1301 Riverfront Parkway, Suite 206	37402
Nashville	711 R S Gass Boulevard	37243	Knoxville	3711 Middlebrook Pike	37921
Columbia	1421 Hampshire Pike	38401	Johnson City	2305 Silverdale Road	37601

**TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION (TDEC)**

Division of Water Resources

William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 11th Floor, Nashville, Tennessee 37243

1-888-891-8332 (TDEC)

General NPDES Permit for Stormwater Discharges from Construction Activities (CGP)**Construction Stormwater Inspection Certification (Twice-Weekly Inspections)**

Site or Project Name:		NPDES Tracking Number: TNR	
Primary Permittee Name:		Date of Inspection:	
Current approximate disturbed acreage:	Has rainfall been checked/documented daily? <input type="checkbox"/> Yes <input type="checkbox"/> No	Name of Inspector:	
Current weather conditions:		Inspector's TNEPSC Certification Number:	

Please check the box if the following items are on-site:

- | | | |
|---|---|---|
| <input type="checkbox"/> Notice of Coverage (NOC) | <input type="checkbox"/> Stormwater Pollution Prevention Plan (SWPPP) | <input type="checkbox"/> Twice-weekly inspection documentation |
| <input type="checkbox"/> Site contact information | <input type="checkbox"/> Rain Gage | <input type="checkbox"/> Off-site Reference Rain Gage Location: _____ |

Best Management Practices (BMPs):**Are the Erosion Prevention and Sediment Controls (EPSCs) functioning correctly:** If "No," describe below in Comment Section

1. Are all applicable EPSCs installed and maintained per the SWPPP?	<input type="checkbox"/> Yes <input type="checkbox"/> No
2. Are EPSCs functioning correctly at all disturbed areas/material storage areas per section 4.1.5?	<input type="checkbox"/> Yes <input type="checkbox"/> No
3. Are EPSCs functioning correctly at outfall/discharge points such that there is no objectionable color contrast in the receiving stream, and no other water quality impacts per section 5.3.2?	<input type="checkbox"/> Yes <input type="checkbox"/> No
4. Are EPSCs functioning correctly at ingress/egress points such that there is no evidence of track out?	<input type="checkbox"/> Yes <input type="checkbox"/> No
5. If applicable, have discharges from dewatering activities been managed by appropriate controls per section 4.1.4? If "No," describe below the measures to be implemented to address deficiencies.	<input type="checkbox"/> Yes <input type="checkbox"/> No
6. If construction activity at any location on-site has temporarily/permanently ceased, was the area stabilized within 14 days per section 3.5.3.2? If "No," describe below each location and measures taken to stabilize the area(s).	<input type="checkbox"/> Yes <input type="checkbox"/> No
7. Have pollution prevention measures been installed, implemented, and maintained to minimize the discharge of pollutants from equipment and vehicle washing, wheel wash water, and other wash waters per section 4.1.5? If "No," describe below the measures to be implemented to address deficiencies.	<input type="checkbox"/> Yes <input type="checkbox"/> No
8. If a concrete washout facility is located on site, is it clearly identified on the project and maintained? If "No," describe below the measures to be implemented to address deficiencies.	<input type="checkbox"/> N/A <input type="checkbox"/> Yes <input type="checkbox"/> No
9. Have all previous deficiencies been addressed? If "No," describe the remaining deficiencies in the Comments section. <input type="checkbox"/> Check if deficiencies/corrective measures have been reported on a previous form.	<input type="checkbox"/> Yes <input type="checkbox"/> No

Comment Section. If the answer is "No" for any of the above, please describe the problem and corrective actions to be taken. Otherwise, describe any pertinent observations:

Certification and Signature (must be signed by the certified inspector and the permittee per Sections 3.5.8.2 (g) and 7.7.2 of the CGP)

I certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision. The submitted information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

Inspector Name and Title:	Signature:	Date:
Primary Permittee Name and Title:	Signature:	Date:

Construction Stormwater Inspection Certification Form (Twice-Weekly Inspections)

Purpose of this form/ Instructions

An inspection, as described in section 3.5.8.2. of the General Permit for Stormwater Discharges from Construction Activities ("Permit"), shall be performed at least twice every calendar week and documented on this form. Inspections shall be performed at least 72 hours apart. Where sites or portion(s) of construction sites have been temporarily stabilized, or runoff is unlikely due to winter conditions (e.g., site covered with snow or ice), such inspection only has to be conducted once per month until thawing results in runoff or construction activity resumes.

Inspectors performing the required twice weekly inspections must have an active certification by completing the "Fundamentals of Erosion Prevention and Sediment Control Level I" course. (<http://www.tneps.org/>). A copy of the certification or training record for inspector certification should be kept on site.

Qualified personnel, as defined in section 3.5.8.1 of the Permit (provided by the permittee or cooperatively by multiple permittees) shall inspect disturbed areas of the construction site that have not been finally stabilized, areas used for storage of materials that are exposed to precipitation, structural control measures, locations where vehicles enter or exit the site, and each outfall.

Disturbed areas and areas used for storage of materials that are exposed to precipitation shall be inspected for evidence of, or the potential for, pollutants entering the site's drainage system. Erosion prevention and sediment control measures shall be observed to ensure that they are operating correctly.

Outfall points (where discharges leave the site and/or enter waters of the state) shall be inspected to determine whether erosion prevention and sediment control measures are effective in preventing significant impacts to receiving waters. Where discharge locations are inaccessible, nearby downstream locations shall be inspected. Locations where vehicles enter or exit the site shall be inspected for evidence of offsite sediment tracking.

Based on the results of the inspection, any inadequate control measures or control measures in disrepair shall be replaced or modified, or repaired as necessary, before the next rain event if possible, but in no case more than 7 days after the need is identified.

Based on the results of the inspection, the site description identified in the SWPPP in accordance with section 3.5.1 of the Permit and pollution prevention measures identified in the SWPPP in accordance with section 3.5.2 of the Permit, shall be revised as appropriate, but in no case later than 7 days following the inspection. Such modifications shall provide for timely implementation of any changes to the SWPPP, but in no case later than 14 days following the inspection.

All inspections shall be documented on this Construction Stormwater Inspection Certification form. Alternative inspection forms may be used as long as the form contents and the inspection certification language are, at a minimum, equivalent to the division's form and the permittee has obtained a written approval from the division to use the alternative form. Inspection documentation will be maintained on site and made available to the division upon request. Inspection reports must be submitted to the division within 10 days of the request.

Trained certified inspectors shall complete inspection documentation to the best of their ability. Falsifying inspection records or other documentation or failure to complete inspection documentation shall result in a violation of this permit and any other applicable acts or rules.

**TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION (TDEC)**

Division of Water Resources

William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 11th Floor, Nashville, Tennessee 37243
1-888-891-TDEC (8332)**Notice of Termination (NOT) for General NPDES Permit for Stormwater Discharges from Construction Activities (CGP)**

This form is required to be submitted when requesting termination of coverage from the CGP. The purpose of this form is to notify the TDEC that either all stormwater discharges associated with construction activity from the portion of the identified facility where you, as an operator, have ceased or have been eliminated; or you are no longer an operator at the construction site. Submission of this form shall in no way relieve the permittee of permit obligations required prior to submission of this form. Please submit this form to the local DWR Environmental Field Office (EFO) address (see table below). For more information, contact your local EFO at the toll-free number 1-888-891-8332 (TDEC).

Type or print clearly, using ink.

Site or Project Name:		NPDES Tracking Number: TNR	
Street Address or Location:		County(ies):	
Name of Permittee Requesting Termination of Coverage:			
Permittee Contact Name:		Title or Position:	
Mailing Address:		City:	State: Zip:
Phone:		E-mail:	

Check the reason(s) for termination of permit coverage:

<input type="checkbox"/>	Stormwater discharge associated with construction activity is no longer occurring and the permitted area has a uniform 70% permanent vegetative cover OR has equivalent measures such as rip rap or geotextiles, in areas not covered with impervious surfaces.
<input type="checkbox"/>	You are no longer the operator at the construction site (i.e., termination of site-wide, primary or secondary permittee coverage).

Certification and Signature: (must be signed by president, vice-president or equivalent ranking elected official)

I certify under penalty of law that either: (a) all stormwater discharges associated with construction activity from the portion of the identified facility where I was an operator have ceased or have been eliminated or (b) I am no longer an operator at the construction site. I understand that by submitting this notice of termination, I am no longer authorized to discharge stormwater associated with construction activity under this general permit, and that discharging pollutants in stormwater associated with construction activity to waters of the United States is unlawful under the Clean Water Act where the discharge is not authorized by a NPDES permit. I also understand that the submittal of this notice of termination does not release an operator from liability for any violations of this permit or the Clean Water Act.

For the purposes of this certification, elimination of stormwater discharges associated with construction activity means that all stormwater discharges associated with construction activities from the identified site that are authorized by a NPDES general permit have been eliminated from the portion of the construction site where the operator had control. Specifically, this means that all disturbed soils at the portion of the construction site where the operator had control have been finally stabilized, the temporary erosion and sediment control measures have been removed, and/or subsequent operators have obtained permit coverage for the site or portions of the site where the operator had control.

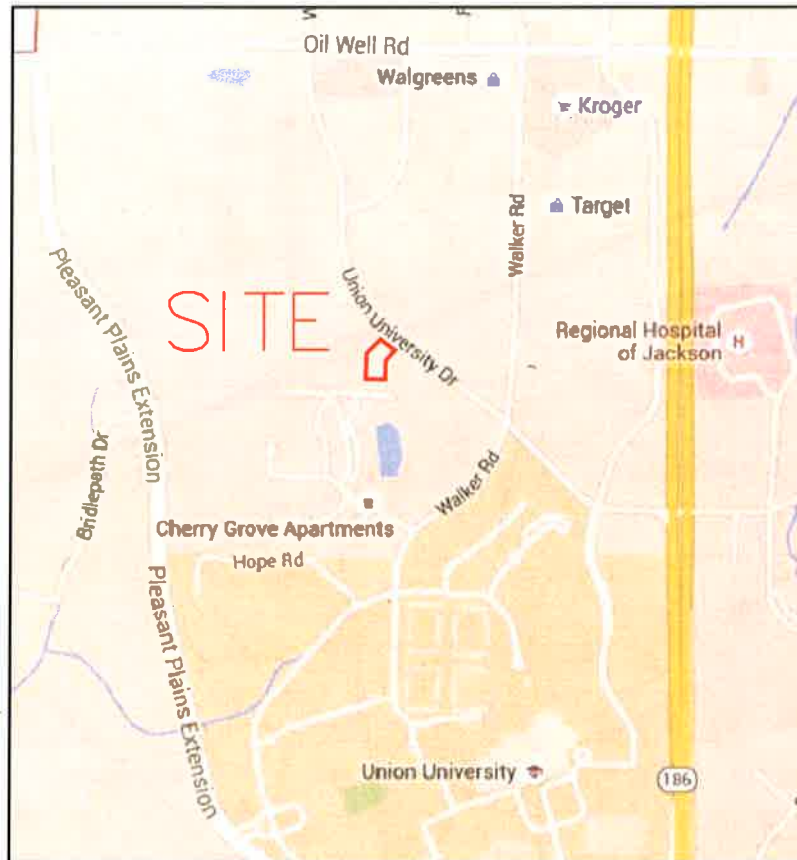
I certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision. The submitted information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

Permittee name (print or type):	Signature:	Date:
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EFO	Street Address	Zip Code	EFO	Street Address	Zip Code
Memphis	8383 Wolf Lake Drive, Bartlett, TN	38133	Cookeville	1221 South Willow Ave.	38506
Jackson	1625 Hollywood Drive	38305	Chattanooga	1301 Riverfront Parkway, Ste. 206	37402
Nashville	711 R S Gass Boulevard	37243	Knoxville	3711 Middlebrook Pike	37921
Columbia	1421 Hampshire Pike	38401	Johnson City	2305 Silverdale Road	37601

Appendix B

- **Location Map**
- **USGS Topographic Quadrangle Map**
- **Erosion Control Plans**



VICINITY MAP

NTS



NORTH